BSR252

Business Secure Router 252
Quick Install Guide

Detailed documentation for this Quick Installation Guide can be downloaded at www.nortel.com.

Steps 1 ➡ 4
Before you start

1. Contact your Internet Service Provider (ISP) to get the following information:
a. Encapsulation type
b. Multiplex Mode, VPI, VCI
c. ISP IP addresses: WAN, DNS servers, Gateway, and WAN MAC address

2. Get your Domain Name from the User Accounts dialog box in the Control Panel. For details, see your operating system Help files. Get your Computer Name from the System Properties dialog box on your computer.

3. (Optional) Get the IP addresses of DNS and remote servers on your LAN.

Steps 4 ➡ 7
Install the hardware

4. Mount the BSR252 on a wall, or place it horizontally or vertically (using the supplied holder) on a flat surface.
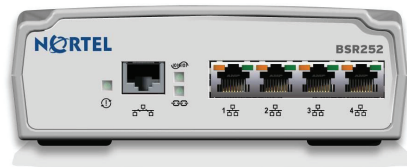
5. Connect your PC and up to three other computers or network devices to the four Ethernet ports.

6. Connect your ADSL Internet service to the telephone port next to the Power LED.

7. Snap the appropriate power clip into the supplied power adapter. Connect the power adapter to the rear of the BSR252 and to an AC power source.
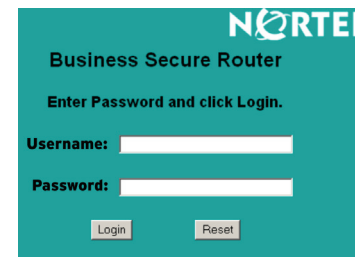
Step 8
Assign TCP/IP addresses

8. Set up the IP addresses on each computer connected to the BSR252:
a. Set each computer to dynamically obtain an IP address, or assign unique static IP addresses. If you choose to assign unique static IP addresses for each computer, choose IP addresses between 192.168.1.129 and 192.168.1.254.
b. If you assign a static IP address in step 8a, assign a **subnet mask** of 255.255.255.0 and a **default gateway** of 192.168.1.1.
c. If you chose to dynamically obtain IP addresses in step 8a, you have an option of using **Obtain a DNS server address automatically**, or assigning the **DNS server IP addresses**.
d. If you chose to assign unique static IP addresses in step 8a, you must assign **DNS Server IP addresses**.

Steps 9 ➡ 12
Access the BSR252

9. In the address field of your browser, enter 192.168.1.1

10. Enter the default user name (nnadmin) and password (PlsChgMe!) to log onto the BSR252.
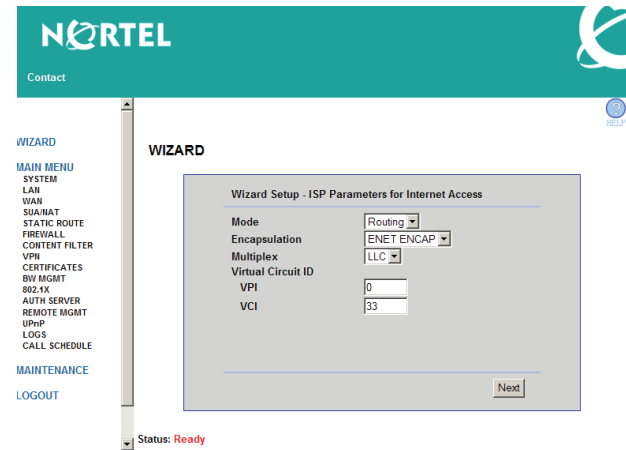
Business Secure Router

Enter Password and click Login.

Username: [   ]
Password: [   ]

Login   Reset

11. You can replace the default password (recommended) or use it as it is.

12. Replace the factory-default certificate.

Steps 13 ➡ 16
Start the wizard

13. On the left navigation pane, click **Wizard**.

WIZARD

WIZARD
MAIN MENU
  SYSTEM
  LAN
  WAN
  SUA/NAT
  STATIC ROUTE
  FIREWALL
  CONTENT FILTER
  VPN
  CERTIFICATES
  BW MGMT
  802.1X
  AUTH SERVER
  REMOTE MGMT
  UPnP
  LOGS
  CALL SCHEDULE
MAINTENANCE
LOGOUT

Wizard Setup - ISP Parameters for Internet Access

Mode   Routing
Encapsulation   ENET ENCAP
Multiplex   LLC
Virtual Circuit ID
  VPI   0
  VCI   33

Next

Status: Ready

14. In the **General Setup** window, enter the **system name** (your computer name) and the **domain name**.

15. From the first Wizard window, choose the type of encapsulation and service that your ISP supplies. The wizard displays different windows for each type of encapsulation and service.

16. Depending on the type of encapsulation that your ISP uses, enter the following information:

PPP over ADSL (PPPoA)
Enter the **User Name** and **Password** assigned by your ISP, and enter **100 seconds** in the Idle Timeout field. Click the **Nailed-Up Connection** option to keep the connection active. In the Network Address Translation list, select **SUA Only**.
RFC 1483
Enter the **IP Address** and **Password** assigned by your ISP. In the Network Address Translation list, select **SUA Only**.
ENET ENCAP (Ethernet)
If you have a dynamic WAN IP address, select Obtain an IP Address Automatically; otherwise, select Static IP Address and type your ISP assigned WAN **IP address** and the **subnet mask** in the fields provided. In the ENET ENCAP Gateway field, enter the gateway **IP address** given by your ISP.
PPP over Ethernet (PPPoE)
Enter the **Service Name**, **User Name** and **Password** assigned by your ISP, and enter **100 seconds** in the Idle Timeout field. Click the **Nailed-Up Connection** option to keep the connection active.
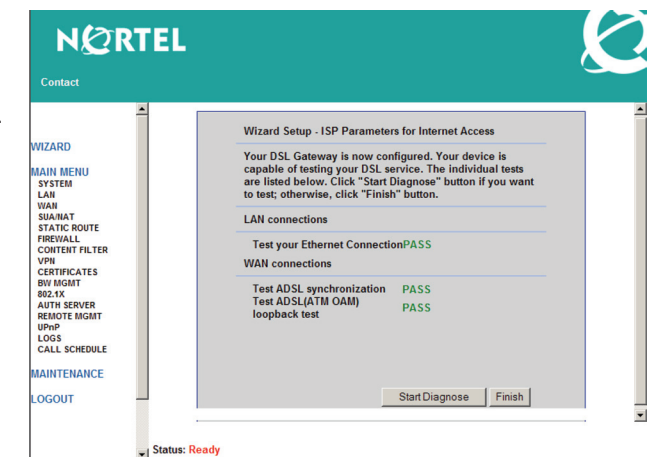
Steps 17 ➡ 18
Complete your configuration

17. Review your settings.

18. Click **Save Settings**.

Steps 19 ➡ 20
Testing your Internet connection

19. To confirm the ADSL connection, click the **Start Diagnose** button. This test takes approximately 20 seconds. If this test fails, confirm steps 1-18, and contact your service provider.

Contact

WIZARD
MAIN MENU
  SYSTEM
  LAN
  WAN
  SUA/NAT
  STATIC ROUTE
  FIREWALL
  CONTENT FILTER
  VPN
  CERTIFICATES
  BW MGMT
  802.1X
  AUTH SERVER
  REMOTE MGMT
  UPnP
  LOGS
  CALL SCHEDULE
MAINTENANCE
LOGOUT

Wizard Setup - ISP Parameters for Internet Access

Your DSL Gateway is now configured. Your device is capable of testing your DSL service. The individual tests are listed below. Click "Start Diagnose" button if you want to test; otherwise, click "Finish" button.

LAN connections
  Test your Ethernet Connection   PASS
WAN connections
  Test ADSL synchronization   PASS
  Test ADSL (ATM OAM)   PASS
  loopback test

Start Diagnose   Finish

Status: Ready

20. Test your connection to the Internet by opening your browser and visiting a known Web site.

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